

CLAIMS

1. A heat shielding material for an agricultural and horticultural facility, comprising: a heat shield layer
5 comprising a substrate resin and a heat shield filler in the form of fine particles dispersed in said substrate resin, wherein said heat shield filler is at least one selected from lanthanum hexaboride and antimony-doped tin oxide; and said substrate resin is at least one selected from polyethylene
10 resin, polyvinyl chloride resin, polyvinylidene chloride resin, polyvinyl alcohol resin, polystyrene resin, polypropylene resin, poly(ethylene-vinyl acetate) resin and polyester resin.
- 15 2. A heat shielding material for an agricultural and horticultural facility according to claim 1, having a visible light transmittance in the range of 30 to 90%, and a solar radiation transmittance in the range of 10 to 80%, wherein said visible light transmittance is set to be larger by 10%
20 or above than said solar radiation transmittance.
3. A heat shielding material for an agricultural and horticultural facility according to claim 1 or 2, wherein the content of said heat shield filler in said heat shield layer
25 is in the range of 0.01 to 1 g/m² in case of the lanthanum

hexaboride and in the range of 1.0 to 50 g/m² in case of the antimony-doped tin oxide.

4. A heat shielding material for an agricultural and
5 horticultural facility according to any of claims 1 to 3,
being in a film- or board-like form consisting of said heat
shield layer; or in a form in which said heat shield layer
has been laminated on the surface of a film- or board-like
matrix material, or has been sandwiched between two of said
10 matrix material.

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